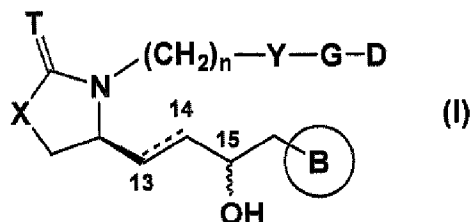


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A compound represented by formula (I)



wherein is a single bond or a double bond,

is α -configuration, β -configuration or a voluntary mixture of α -configuration

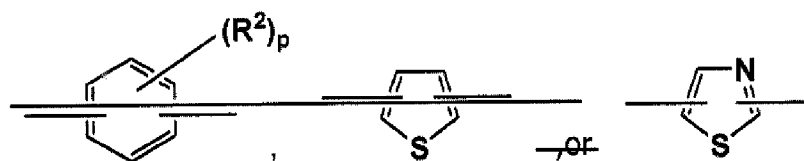
and β -configuration,

D is $-\text{COOR}^1$ ~~or tetrazeryl~~,

R^1 is hydrogen or C1-4 alkyl,

G is ringA ~~or C1-4 alkylene~~,

ringA is



R^2 is a halogen atom, C1-4 alkyl ~~or C1-4 alkoxy~~,

p is 0 ~~or an integer of 1-4~~,

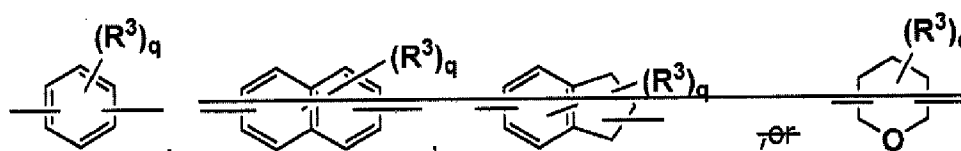
~~when p is 2 or more, plural R²'s are the same or different,~~

~~Y is a single bond or -S-,~~

~~T is oxygen or sulfur,~~

~~X is -CH₂-, -O- or -S-,~~

~~ringB is C3-7 cycloalkyl optionally substituted,~~



wherein R³ is (1) a halogen atom, (2) C1-4 alkyl optionally substituted with 1-5 of halogen atom(s), (3) C1-4 alkoxy optionally substituted with 1-5 of halogen atom(s), (4) C1-4 alkyl substituted with C1-4 alkoxy, (5) phenyl or (6) 3- to 15- membered mono-, bi- or tri-heterocyclic aryl containing 1 to 4 hetero atom(s) selected from the group consisting of oxygen, nitrogen and sulfur atom(s) which may be partially or fully saturated, and (5) phenyl or (6) heterocyclic aryl in R³ is optionally substituted with 1-3 of (a) halogen atom(s), (b) C1-4 alkyl, (c) C1-4 alkoxy and/or (d) nitro,

q is 0 or an integer of 1-5,

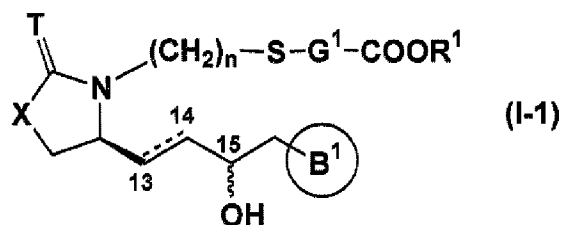
when q is 2 or more, plural R³'s are the same or different, and

n is an integer of 1-4,

a salt thereof, a solvate thereof, a cyclodextrin clathrate thereof, or a prodrug thereof.

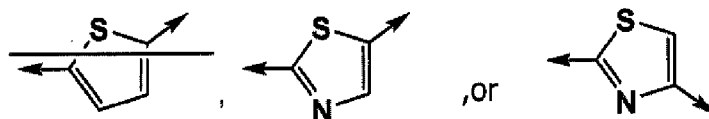
2. (canceled).

3. (currently amended): The compound according to claim 1, which is represented by formula (I-1):



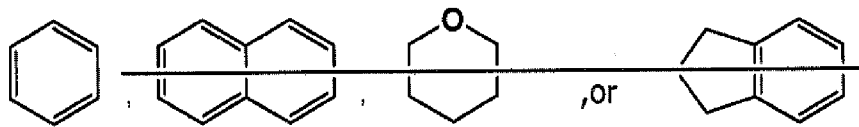
wherein G^1 is ring A^1 or C1-4 alkylene,

ring A^1 is



wherein left-pointing arrow represents binding to S, and right-pointing arrow represents binding to $COOR^1$,

ring B^1 is C3-7 cycloalkyl,



ring B^1 may be substituted with a halogen atom, C1-4 alkyl, phenyl, methoxymethyl, trifluoromethyl and/or trifluoromethoxy,

other symbols have the same meanings as described in claim 1, and

wherein when T is oxygen, X is $-CH_2-$, and

when n is an integer of 2-4, G^1 is ring A^1 .

4. (currently amended): The compound according to claim 3, which is selected from the group consisting of:

- (1) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-phenylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (2) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-ethylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (3) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-chloro-4-fluorophenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (4) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(naphthalene-2-yl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (5) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-trifluoromethoxyphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (6) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluoro-3-phenylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (7) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluoro-3-methylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (8) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3,5-difluorophenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (9) ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-fluorophenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~

- (10) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluoro-3-trifluoromethylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (11) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3-trifluoromethylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (12) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3,4-difluorophenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (13) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-phenyl-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (14) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3-propylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (15) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3-methoxymethylphenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (16) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3-ethyl-4-fluorophenyl)-17,18,19,20-tetranol-5-thia-8-aza-10-oxaprost-13-enoic acid,~~
- (17) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-phenyl-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-aza-10-oxaprost-13-ene,~~
- (18) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(3-methylphenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-aza-10-oxaprost-13-ene,~~
- (19) ~~———— (15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluorophenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-aza-10-oxaprost-13-ene,~~

(20) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(naphthalene-2-yl)-5-(4-carboxythiazol-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-aza-10-oxaprost-13-ene,~~

(21) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(3-phenylphenyl)-5-(4-carboxythiazol-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-aza-10-oxaprost-13-ene,~~

(22) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(3-phenylphenyl)-5-(5-carboxythiophene-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(23) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(naphthalene-2-yl)-5-(5-carboxythiophene-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(24) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(4-fluoro-3-phenylphenyl)-5-(5-carboxythiophene-
2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(25) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(3-ethylphenyl)-5-(5-carboxythiophene-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(26) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(3-methylphenyl)-5-(5-carboxythiophene-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(27) ~~(15 α ,13E)-9-oxo-15-hydroxy-16-(3-trifluoromethoxyphenyl)-5-(5-
carboxythiophene-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(28) (15 α ,13E)-9-oxo-15-hydroxy-16-(4-fluoro-3-phenylphenyl)-5-(4-carboxythiazol-2-
yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,

(29) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-ethylphenyl)-5-(4-carboxythiazol-2-yl)-
1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,

~~(30) (15 α ,13E)-9-oxo-15-hydroxy-16-(naphthalene-2-yl)-5-(4-carboxythiazol-2-yl)-~~

~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(31) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-trifluoromethoxyphenyl)-5-(4-carboxythiazol-2-

yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,

(32) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-chloro-4-fluorophenyl)-5-(4-carboxythiazol-2-

yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,

~~(33) (15 α ,13E)-9-oxo-15-hydroxy-16-cyclopropyl-5-(4-carboxythiazol-2-yl)-~~

~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

~~(34) (15 α ,13E)-9-oxo-15-hydroxy-16-cyclohexyl-5-(4-carboxythiazol-2-yl)-~~

~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(35) (15 α ,13E)-9-oxo-15-hydroxy-16-(4-fluorophenyl)-5-(5-carboxythiazol-2-yl)-

1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene, and

~~(36) (15 α ,13E)-9-oxo-15-hydroxy-16-cyclobutyl-5-(4-carboxythiazol-2-yl)-~~

~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

(37) (15 α ,13E)-9-oxo-15-hydroxy-16-(4-chlorophenyl)-5-(4-carboxythiazol-2-yl)-

1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene;

~~(38) (15 α ,13E)-9-oxo-15-hydroxy-16-cycloheptyl-5-(4-carboxythiazol-2-yl)-~~

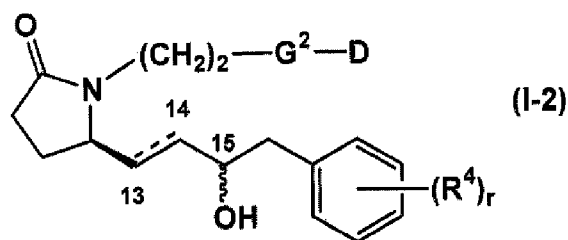
~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

~~(39) (15 α ,13E)-9-oxo-15-hydroxy-16-(indane-2-yl)-5-(4-carboxythiazol-2-yl)-~~

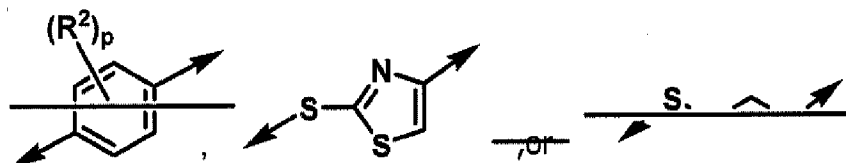
~~1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~

- (40) ——— ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(tetrahydropyran-4-yl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~
- (41) ——— ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(7-methylnaphthalene-2-yl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,~~
- (42) ——— ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluorophenyl)-17,18,19,20-tetranol-5,10-dithia-8-azaprost-13-enoic acid,~~
- (43) ——— ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(4-fluorophenyl)-17,18,19,20-tetranol-6-thia-8-azaprost-13-enoic acid,~~
- (44) ——— ~~(15 α ,13E) 9-oxo-15-hydroxy-16-(3-methylphenyl)-17,18,19,20-tetranol-6-thia-8-azaprost-13-enoic acid, and~~
- (45) ——— ~~(15 α ,13E) 9-thioxo-15-hydroxy-16-(4-fluorophenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid.~~

5. (currently amended): The compound according to claim 1, which is represented by formula (I-2):



wherein G² is



wherein left-pointing arrow represents binding to $-(CH_2)_2-$, and right-pointing arrow represents binding to D,

R^4 is (1) a halogen atom, (2) C1-4 alkyl, (3) C1-4 alkoxy, (4) C1-4 alkyl optionally substituted with 1-5 of halogen atom(s), (5) C1-4 alkoxy optionally substituted with 1-5 of halogen atom(s), (6) phenyl or (7) 3- to 15- membered mono-, bi- or tri-heterocyclic aryl containing 1 to 4 hetero atom(s) selected from the group consisting of oxygen, nitrogen and sulfur atom(s) which may be partially or fully saturated, and (6) phenyl or (7) heterocyclic in the R^4 may be substituted with 1-3 of (a) a halogen atom(s), (b) C1-4 alkyl, (c) C1-4 alkoxy and/or (d) nitro,

r is an integer 1 to 5, and

other symbols have the same meanings as described in claim 1.

6. (currently amended): The compound according to claim 5, which is selected from the group consisting of:

- (1) ~~(15 α ,13E)~~ 1,6 (1,4 interphenylene) 9-oxo-15-hydroxy-16-(3,5-dimethylphenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,
- (2) ~~(15 α ,13E)~~ 1,6 (1,4 interphenylene) 9-oxo-15-hydroxy-16-(3-(benzothiazol-2-yl)phenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,

- (3) ~~———— (15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(4-fluorophenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (4) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(5-methylbenzothiazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (5) ~~———— (15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-(5-methylbenzoxazol-2-yl)phenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (6) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(6-methylbenzoxazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (7) ~~———— (15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-(6-methylbenzoxazol-2-yl)phenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (8) ~~———— (15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-(4-methylbenzothiazol-2-yl)phenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (9) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(4-methylbenzothiazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (10) ~~———— (15 α ,13E)-1,6-(2-fluoro-1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-methylphenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (11) ~~———— (15 α ,13E)-1,6-(3-methyl-1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-methylphenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (12) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(5,7-dimethylbenzoxazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,

- (13) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(5-chlorobenzothiazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (14) ~~(15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-(5-chlorobenzothiazol-2-yl)phenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (15) (15 α)-9-oxo-15-hydroxy-16-(3-(2,4-dimethylphenyl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (16) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(3,4-dimethylphenyl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene, and
- (17) ~~(15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3,4-difluorophenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (18) ~~(15 α ,13E)-1,6-(2-methyl-1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-methylphenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (19) (15 α ,13E)-9-oxo-15-hydroxy-16-(3-(5-chlorobenzoxazol-2-yl)phenyl)-5-(4-carboxythiazol-2-yl)-1,2,3,4,17,18,19,20-octanol-5-thia-8-azaprost-13-ene,
- (20) ~~(15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-methyl-4-fluorophenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (21) ~~(15 α ,13E)-1,6-(1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-chloro-4-fluorophenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~
- (22) ~~(15 α ,13E)-1,6-(3-methoxy-1,4-interphenylene)-9-oxo-15-hydroxy-16-(3-methylphenyl)-2,3,4,5,17,18,19,20-octanol-8-azaprost-13-enoic acid,~~

~~(23) — (15 α ,13E) 9-oxo-15-hydroxy-16-(3-trifluoromethoxyphenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid,~~

~~(24) — (15 α ,13E) 9-oxo-15-hydroxy-16-(3,5-difluorophenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid,~~

~~(25) — (15 α ,13E) 9-oxo-15-hydroxy-16-(3-(phenyl)phenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid,~~

~~(26) — (15 α ,13E) 9-oxo-15-hydroxy-16-(3-(4-fluorophenyl)phenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid, and~~

~~(27) — (15 α ,13E) 9-oxo-15-hydroxy-16-(3-phenyl-4-fluorophenyl)-17,18,19,20-tetranol-5-thia-8-azaprost-13-enoic acid.~~

7. (previously presented): A pharmaceutical composition comprising the compound represented by formula (I) according to claim 1, a salt thereof, a solvate thereof, a cyclodextrin clathrate thereof, or a prodrug thereof, and a pharmaceutically acceptable carrier.

8-10. (canceled).

11. (previously presented): The compound according to claim 1, wherein n is 1 or 2.